

10/30/01

1132 U.S. PTO

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 2001B094

Inventor(s) or Application Number

David R. Lumgair, Jr.  
James H. Beech, Jr.

Title Heat R covery in an Olefin Production Process

Express Mail Label No. EL793734941US

J1050 U.S. PTO  
10/02/01  
10/30/01

## APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total Pages 32  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross References to Related Applications (if any)
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 1
4. Oath or Declaration Total Pages 4
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/division with Box 15 completed)  
[Note Box 5]
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

5. ☐ Incorporation By Reference (useable if Box 4B is checked)  
The entire disclosure of the prior application, from which a copy of the oath or  
declaration is supplied under Box 4b, is considered to be part of the disclosure of the  
accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449  
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☐ Other:

15. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment.
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_, from which priority is claimed under 35 U.S.C. § 120

Prior application information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

16. If a NONPROVISIONAL APPLICATION based upon a foreign or U.S. provisional application, priority is claimed from application  
No. \_\_\_\_\_, country \_\_\_\_\_, filed on \_\_\_\_\_.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	ExxonMobil Chemical Company				
Address	P.O. Box 2149		State	Texas	Zip Code 77522
City	Baytown		Telephone	281-834-5080	
Country	U.S.A.		Registration No. (Attorney/Agent)	37,654	
Name (print/type)	Paul T. LaVoie			Date	October 30, 2001
Signature	<i>Paul T. LaVoie</i>				

Revised 5/98 (gdz)

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective November 10, 1998

Complete if Known

Application Number	Not Yet Assigned
Filing Date	October 30, 2001
First Named Inventor	David R. Lumgair, Jr.
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	2001B094

Total Amount of Payment **\$1172.00**

## METHOD OF PAYMENT

- ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number: **05-1712**

Deposit Account Name: **ExxonMobil Chemical - Basic Chemicals**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

## FEE CALCULATION

### 1. FILING FEE

Fee Code	Fee \$	Fee Description	Fee Paid
101	740	Utility filing fee	\$740.00
106	330	Design filing fee	
107	510	Plant filing fee	
108	740	Reissue filing fee	
114	160	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$740.00)</b>

### 2. CLAIMS

	Extra	Fee from below	Fee Paid
Total Claims	44 - 20 = 24	x 18 =	432.00
Independent Claims	3 - 3 = 0	x 84 =	0.00
Multiple Dependent Claim		280 =	0.00
Fee Code	Fee \$	Fee Description	
103	18	Claims in excess of 20	
102	84	Independent claims in excess of 3	
104	280	Multiple dependent claim	
109	84	Reissue independent claims over original patent	
110	18	Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$432.00)</b>

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee	Fee Description
105	130	Surcharge - late filing fee or oath or declaration
127	50	Surcharge - late provisional filing or cover sheet
139	130	Non-English specification
147	2520	For filing a request for reexamination
112	920*	Req. publication of SIR prior to Examiner action
113	1840*	Req. publication of SIR after Examiner action
115	110	Extension for reply within first month
116	400	Extension for reply within second month
117	920	Extension for reply within third month
118	1440	Extension for reply within fourth month
128	1960	Extension for reply within fifth month
119	320	Notice of appeal
120	320	Filing a brief in support of an appeal
121	280	Request for oral hearing
138	1510	Petition to institute a public use proceeding
140	110	Petition to revive - unavoidable
141	1280	Petition to revive - unintentional
142	1280	Utility issue fee (or reissue)
143	460	Design issue fee
144	620	Plant issue fee
122	130	Petition to the Commissioner
123	50	Petitions related to provisional applications
126	180	Submission of Information Disclosure Stmt.
581	40	Recording each patent assignment per property (times number of properties)
146	740	Filing a submission after final rejection (37 CFR 1.129(a))
149	740	For each additional invention to be examined (37 CFR 1.129(b))
Other Fee (specify) _____		
Other Fee (specify) _____		

### FEES PAID

\*Reduced by basic filing fee paid

**SUBTOTAL (3)**

\$0.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name Paul T. LaVoie

Reg. Number

36,861

Signature

*Paul T. LaVoie*

Date

October 30, 2001

Deposit Account User ID

05-1712